

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8996

Name: Mid Continent Resources, Inc.

Address P. O. Box 399

City/State/Zip Garden City, KS 67846

Purchaser: _____

Operator Contact Person: Scott Corsair

Phone (785) 398-2270

Contractor: Name: Discovery Drill Inc.

License: 31548

Wellsite Geologist: Scott Corsair

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5/1/98 5/7/98 8-18-98
Spud Date Date Reached TD Completion Date

API NO. 15-135-24054 000

County Ness

100' S
C - E/2 - NE - NW Sec. 26 Twp. 19s Rge. 22w X E W

760 Feet from S N (circle one) Line of Section

2310 Feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Dorsa Well # 2

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2259 KB 2267

Total Depth 4394 PBTD _____

Amount of Surface Pipe Set and Cemented at 310.60 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1490 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DFA, 2-10-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 9,000 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Scott Corsair

Title Petroleum Engineer Date 2-4-99

Subscribed and sworn to before me this 4th day of February, 19 99.

Notary Public Bernice Moore

Date Commission Expires 2/7/02



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Mid-Continent Resources, Inc. Lease Name Dorsa Well # 2

Sec. 26 Twp. 19s Rge. 22 East West County Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No (Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No (Submit Copy.)
List All E.Logs Run: Dual Induction, Compensated Neutron Density, PE

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
Anhydrite	1504	+763
Heebner	3731	-1464
Lansing	3778	-1511
Base Kansas City	4121	-1854
Marmaton	4154	-1887
Pawnee	4203	-1936
Ft. Scott	4282	-2015
Cherokee Shale	4302	-2035
Mississippian Osage	4392	-2125

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/2	8 5/8	20	310.60	60/40Poz	180	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	4390	EA/2	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
				4355'	
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

ORIGINAL

SCOTT CORSAIR

PETROLEUM GEOLOGIST

210 Avenue A P.O. Box 6
Bazine, Ks 67516
785-398-2270 Mobile 785-731-5060
FAX 785-398-2586

GEOLOGICAL REPORT

MID CONTINENT RESOURCES, INC.

DORSA #2
100' S OF E/2 NE NW
Section 26-19S-22W
Ness County, Kansas

RECEIVED
STATE CORPORATION COMMISSION

FEB 25 1999

CONSERVATION

SAMPLE ZONE DESCRIPTION

Logger's Measurements

LANSING-KANSAS CITY 3778 -1511

There were no shows of oil/gas observed in the porous zones during the drilling of the Lansing-Kansas City section.

FT. SCOTT 4282 -2015

Limestone: gray-tan, fossiliferous, poor interfossiliferous porosity, fair show of free oil, good fluorescence, good cut, no odor.

CHEROKEE 4302 -2035

4376-4379; Conglomerate: Dolomite, tan, sucrosic, good intercrystalline porosity, excellent show of free oil, excellent fluorescence, excellent cut, fair odor. Fair amount of fossiliferous coral **Dolomite** deeper in the zone, excellent odor.

MISSISSIPPIAN OSAGE 4392 -2125

Chert: white, weathered tripolitic, good vuggy porosity, fair show of free oil, good fluorescence and excellent cut, good odor.

FORMATION	Mid Continent Resources, Inc. Dorsa #2 100' S of E/2 NE NW 26-19S-22W	Mid Continent Resources, Inc. Dorsa #1 OWWO C NE NW 26-19S-22W	
Anhydrite	+763	+770	
Lansing	-1511	-1503	
Cherokee	-2035	-2030	
Mississippian Osage	-2125	-2122	

OPERATOR: MID CONTINENT RESOURCES, INC.
 WELL: DORSA #2
 API NO.: 15-135-24054
 LOCATION: 100' S OF E/2 NE NW, SEC. 26-19S-22W
 WELLSITE: FARMGROUND
 COMMENCED: MAY 1, 1998
 COMPLETED: MAY 8, 1998
 ELEVATIONS: 2259' GL ; 2267' KB
 TOTAL DEPTH: 4394' (DRILLER); 4395 (LOGGER)
 CASING: SURFACE: 8 5/8 @ 311' W/180 SKS
 PRODUCTION: 5 1/2 @ 4390' W/100 SKS
 PORT COLLAR @ 1490
 SAMPLES: 10 FT. FROM 3700' TO T.D.
 LOGS: DUAL INDUCTION, COMPENSATED NEUTRON
 DENSITY, PE, BY ELI
 DRILLSTEM TESTS: NONE
 CONTRACTOR: DISCOVERY DRILLING (RIG 2)

REMARKS: Geological supervision: 3700' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1504	+763	1500	+767
Heebner	3731	-1464	3728	-1461
Lansing	3778	-1511	3774	-1507
Base Kansas City	4121	-1854	4118	-1851
Marmaton	4154	-1887	4146	-1879
Pawnee	4203	-1936	4202	-1935
Ft. Scott	4282	-2015	4280	-2013
Cherokee Shale	4302	-2035	4300	-2033
Cherokee Conglomerate	4376	-2109	4373	-2106
Mississippian Osage	4392	-2125	4388	-2121
Total Depth	4395	-2128	4394	-2127

SUMMARY AND RECOMMENDATIONS

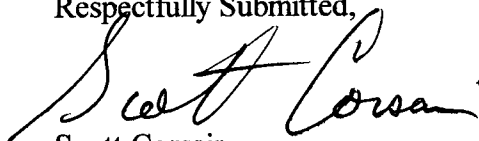
Structural position, Sample evaluation and Electrical log analysis indicate probable commercial production from the Cherokee and Mississippian Osage. Based upon available data 5 1/2" production casing was set.

Pipe was set 4 feet off bottom @ 4390'. The following zones are recommended for testing.

1. Mississippian Osage: 4390-4395 Open Hole
2. Cherokee Conglomerate: 4376-4379
3. Ft. Scott: 4286-4292; Before abandonment

Measurements were taken from rotary kelly bushing (~8 feet above ground level). Logger's measurements are taken as correct.

Respectfully Submitted,



Scott Corsair
Petroleum Geologist

ADDRESS: **M10 Continent Resources**
 CITY, STATE, ZIP CODE: **PO Box 399 Attn Dan DalKey Garden City, Ks 67846**

 No. **396479-6**
ORIGINAL
 PAGE 1 OF 2

1906-Q	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
SERVICE LOCATIONS	25525 Haystack	Nalso	Ness	Ks		5-1-98	same
TICKET TYPE	SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
2.		Discovery Dr	Discovery Dr	ct	well site		
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMITS NO.	WELL LOCATION		
4.	01	01	010		S W 26-19-22		
REFERRAL LOCATION	INVOICE INSTRUCTIONS: 25/2 surface customer Received mcs						

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
			LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
010	000-117		1			MILEAGE 51374 RCM	90	m	3.65		328.50
010	001-016		1			Pump Service	310	FT	1630.00		1630.00
010	030-503		1			wooden Plug	1 EA	8 3/8 IN	95.00		95.00

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 STATE CORPORATION COMMISSION
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 CONSERVATION DIVISION
 Wichita, Kansas

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.				TYPE LOCK	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			PAGE TOTAL	2053.50
DATE SIGNED: <u>5-1-98</u> TIME SIGNED: <u>2230</u> <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.				BEAN SIZE	TYPE OF EQUALIZING SUB.		CASING PRESSURE	FROM CONTINUATION PAGE(S)	2493.46
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				DEPTH	TUBING SIZE	TUBING PRESSURE	WELL DEPTH		
				SPACERS	TREE CONNECTION	TYPE VALVE	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	4546.96	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
Darby Korman	X Darby Korman	Alan F. Worth	86101	



JOB SU1 ARY 4239-1

TICKET #	396 79	TICKET DATE	5-1-98
BDA / STATE	Ks	COUNTY	Nesquehony
PSL DEPARTMENT	5001	CUSTOMER REP / PHONE	Derby Keener 7019 Alm Tool Pusher
API / UWI #		JOB PURPOSE CODE	010

REGION	North America	NWA/COUNTRY	MID Cont
MBU ID / EMP #	HAY102 86101	EMPLOYEE NAME	Allen F. Werth
LOCATION	25525 Nays Ks	COMPANY	MID Cont. Res
TICKET AMOUNT	4546.93	WELL TYPE	01
WELL LOCATION	S. Bazine Ks	DEPARTMENT	5001
LEASE / WELL #	Dorsa #2	SEC / TWP / RNG S	26-19-22

ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
Allen F. Werth 86101			
Ron Perkins 57229			
Tim Pfannenstiel 11682			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420624 P.4	108						
51374 RCM	108						
52418 BIK	108	5050-6000					
4444-5070-BIK	108						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth 312

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-1-98	1630	5-1-98	2000	5-2-98	1204
					1045

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug Wooden 8 3/8	1	Halliburton
Top Plug		
Head 8 3/8	1	Halliburton
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing			8 5/8	KCS	310	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole				310	312	SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
5-1-98	4	5-1-98	1	set 8 5/8 in
5-2-98	45 min	5-2-98	45 min	
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED _____ Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED _____ Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET 20' Reason Requested.

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	180	40/60	BIK	2% 6cl 3% CL	1.31	13.8

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal
Shut In: Instant	5 Min _____ 15 Min _____	Cement Slurr	Gal - BBI	42
		Total Volume	Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE
 Derby Keener



HALLIBURTON

HALLIBURTON ENERGY SERVICES

CUSTOMER

ORIGINAL

WELL

4 55 PM

PAGE

Truck# (s) 52428

2 Dorse

5/1/96

2

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY	UNIT	PRICE	AMOUNT
		BLOC	ACCT	OF					
504-136					40/60 Pozmix Standard	160	sk	\$8.71	\$1,567.80
506-121					Halliburton Gel @2%	3	sk		N/C
509-406					Calcium Chloride	2	sk	\$48.90	\$157.80
500-207					ISERVICE CHARGE				
					MI LEAGE				
					CHARGE				
					TOTAL WEIGHT				
					LOADED MILES				
					CUBIC FEET	168		1.66	\$312.08
					TON MILES				
						340.785		1.25	\$425.88

RECEIVED
 STATE COMMISSION
 FEB 5 1999
 CONSERVATION DIVISION
 Wichita, Kansas

CORRELATION TOTAL 2 488.46

No. B 660322



HALLIBURTON®

HALLIBURTON ENERGY SERVICES

1906-O

MID Cont. Resources

ADDRESS

CITY, STATE, ZIP CODE

Garden City KS

CUSTOMER COPY

TICKET

No.

396481 - 8

ORIGINAL

PAGE 1 OF 2

1. 25525 Hays K

WELL/PROJECT NO. #2

LEASE Doris

COUNTY/PARISH Ness

STATE KS

CITY/OFFSHORE LOCATION

DATE 5-8-98

OWNER SAM P

TICKET TYPE SERVICE

NITROGEN JOB? YES

CONTRACTOR Discovery Drilg

RIG NAME/NO. #2

SHIPPED VIA ct wellsite

ORDER NO.

SALES NO

WELL TYPE 01

WELL CATEGORY 01

JOB PURPOSE 035

WELL PERMIT NO.

WELL LOCATION 26-19-22

REFERRAL LOCATION

INVOICE INSTRUCTIONS 5 1/2 Long strings

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	RECEIVED STATE OPERATIONAL COMMISSION				UNIT PRICE	AMOUNT
			LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
	000-117		1			MILEAGE 51374 RCM			90 mi	unit	365	328.50
035	001-016		1			Pump service			391 ft		2181.00	2181.00
035	018-317		1			super Flush			6 SK		112.00	672.00
035	018-303		1			CLA-Fix II			2 gal		30.50	61.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

DATE SIGNED: 5-8-98

TIME SIGNED: 0200

A.M. P.M.

do not require IPC (Instrument Protection) Not offered

TYPE LOCK

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

BEAN SIZE

DEPTH

SPACERS

TUBING SIZE

TUBING PRESSURE

WELL DEPTH

TREE CONNECTION

TYPE VALVE

PAGE TOTAL: 3242.50

FROM CONTINUATION PAGE(S): 3234.01

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 6476.51

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Sam P

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]

HALLIBURTON OPERATOR/ENGINEER: Allen F Wood

EMP #: 86101

HALLIBURTON APPROVAL: [Signature]



HALLIBURTON

ORIGINAL

HALLIBURTON ENERGY SERVICES

CUSTOMER: Misconbrent Resources

WELL: Dorse #2

10:42 PM
6/7/98

PAGE

2

BOOK# (S) 52438

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING JOB FACTORY OR	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
504-308			Standard Cement	75	sk			\$12.13	\$909.75
504-316			Halliburton Light Cement	50	sk			\$10.20	\$510.00
509-966			Salt	600	lb			\$0.15	\$105.00
507-210			Floccs	13	lb			\$2.09	\$27.17
507-153			OFR-3	21	lb			\$6.15	\$129.15
508-127			Car Seal	4	sk			\$28.00	\$112.00
507-234			Gilsonite	250	lb			\$0.56	\$145.00
507-776			Halls-342	21	lb			\$32.86	\$690.06
503-207			SERVICE CHARGE					1.69	\$240.70
503-306			CHARGE					1.25	\$381.55

RECEIVED
 STATE INSURATION COMMISSION
 FEB - 5 1999
 CONSERVATION DIVISION
 Wichita, Kansas

CONTINUATION TOTAL \$ 3,294.01

No. B 660327

REGION North America	NW/COUNTRY 7710 Cont	TICKET # 396 81	TICKET DATE 5-8-98
MBU ID / EMP # HA0102 86101	EMPLOYEE NAME Allen F. Werth	BDA / STATE KS	COUNTY Ness
LOCATION 25525	COMPANY 7710 Cont Res.	PSL DEPARTMENT 5001	ORIGINAL
TICKET AMOUNT 6476.51	WELL TYPE 01	CUSTOMER REP / PHONE SCOTT CORSAIR	
WELL LOCATION S.W. Bazine	DEPARTMENT 5001	API / UWI #	JOB PURPOSE CODE 035
LEASE / WELL # DORSA H2	SEC / TWP / RNG 26-19-22		

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
Allen F. Werth 86101	8						
Bond Berens 57220							
John Becker 43222							

HES UNIT NUMBERS	F/T MILES	HES UNIT NUMBERS	F/T MILES	HES UNIT NUMBERS	F/T MILES	HES UNIT NUMBERS	F/T MILES
420624 P.U.	114						
51374 RCM	114						
52418 BIK	114						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth 4391'

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-7-98	2200		5-8-98	0120	0345
					0530

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing		5/2	KB	4391	AKR shoe
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole			4391	4394	SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other	6 SCKs Super Flush	
Other	2 gal Cl. Fix II for 20 BBLs	Fluid
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
5-8-98	4	5-8-98	2	5/2 L.S.
				50F PIR
				shoe 4391
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET 30.06 Reason Shoe II

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	50	ILC	BIK	1/4" Hacle, 5% O.I.	1.67	1.27
	25	FA-2	BIK	23% CFR-3, 3% H-344, 18% SALT, 5% CAL seal	1.37	15.47

Circulating _____ Displacement _____
 Breakdown _____ Maximum _____
 Average _____ Frac Gradient _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____

Preflush: Gal - BBI 6 Type Super Flush
 Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____
 Treatment Gal - BBI _____ Disp: BBI - Gal 1000's
 Cement Slurr Gal - BBI 14.87 + 18.24 = 33.16
 Total Volume Gal - BBI _____

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE _____

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

ORIGINAL

REGION North America	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG 26-19-22

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0120							Called out 5-7-98 - Take on location @ 0130 5-8-98 w/ Equip. + Cmt. On location w/ RCM + B1K Cmt. 50 sks HLC w/ 1/4" floccs 5# G. Isosorbite 15 sks EA-2 w/ 3% CFR-3, 3% H-344 18% SALT, 5% Cal seal 65 Ks Super Flush 2 gal CLA-Cix II for Pre Flush - 20 BBLs. Discuss safety, set up + Plan Job. Rig Running Csg 5 1/2" 14th comp. Float Equip. cent. 1st-2nd-3rd-4th 7th-9th Basket H-8-98 Port collar H-98 - 1490' - Shoe 30.06 TA 4394'
	0300							Pipe on Bottom (set PKR Shoe @ 4391')
	0330							Hook up + sia w/ mud Hog - set PKR Shoe w/ Rig 1000 PST.
	0405							Hookup to cat well
		5	20	✓		200'		Pump 20 BBLs CLA-Cix II
			2	✓				Pump 2 BBLs Fresh water spacer
		5	6	✓				Pump 6 BBLs Super Flush
			2	✓				Pump 2 BBLs Fresh water spacer
			7	✓				Start mix HLC 25 sks to plug Rat hole + mouse hole
	0415	5	7 1/2	✓		200'		mix 25 sks RECEIVED STATE CORPORATION COMMISSION
				✓		200'		mix 7 STATE CORPORATION COMMISSION
	0430		18			0"		Fin mix cmt - wash out Vol. Release 5 1/2" Plug
	0436	8		✓		0"		Start Disp " csg cap 1065 BBLs
				✓		400'		PST slow down during Disp.
	0454		106.5	✓		150'		Plug Land 5 1/2" on Plug. Release PST OK Knock loose + wash up Equip. RACK up Equip. Job complete
	0530							

900

thanks Allen, Ryan, John